NPIC/R-1118/63 February 1963

PHOTOGRAPHIC INTERPRETATION REPORT

# IPIR **BRASS KNOB MISSION 3449 25 FEBRUARY 1963**



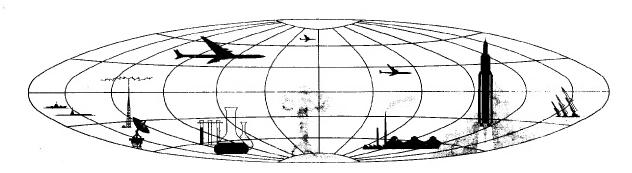








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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3449, DATED 25 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

#### -MISSILES-

SAN: CRISTOBAL MRBM SITE 1 . 2240N Ø8317W

NO APPARENT CHANGE.

25X1D

SAN CRISTOBAL MRBM SITE 3 2242N Ø83Ø8W

25X1D NO APPARENT CHANGE.

GUANAJAY IRBM SITE 1 2257N Ø8239W

25X1D NO ACTIVITY OBSERVED.

SAGUA LA GRANDE MRBM SITE 1 2243N Ø8ØØ1W

25X1D NO ACTIVITY OBSERVED IN CLOUD-FREE AREA.

SAN CRISTOBAL MRBM SITE 4 2246N Ø8258W

25X1D NO APPARENT CHANGE.

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GUANAJAY IRBM SITE 2 2257N Ø8236W

25X1D SITE ABANDONED. NO ACTIVITY OBSERVED.

TAPASTE AREA, STORAGE SITES 2303N 08207W

25X1D NO APPARENT CHANGE IN CLOUD-FREE AREAS.

SANTO TOMAS AREA, SUSPECT SSM ACTIVITY 2233N Ø8351W 25X1D NO MISSILE ACTIVITY OBSERVED.

BARTOLOME, SUSPECT SSM ACTIVITY 2226N Ø7934W 25X1D NO MISSILE ACTIVITY OBSERVED.

SALAMANCA, SUSPECT SSM ACTIVITY 2227N Ø794ØW
25X1D NO MISSILE ACTIVITY OBSERVED.

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W 25X1D NO MISSILE ACTIVITY OBSERVED.

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25X1A

MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

25X1D

NO MILITARY ACTIVITY OBSERVED.

25X1D



SAN JULIAN AIRFIELD SAM SITE 2205N 08409W

25X1D

SITE CONTAINS 6 REVETTED, CANVAS-COVERED LAUNCHERS AND THREE CANVAS-COVERED HOLD POSITIONS. GUIDANCE AREA CONTAINS 4 VANS AND CANVAS-COVERED RADAR.

LA COLOMA SAM SITE 2218N Ø8332W

25X1D

SIX OCCUPIED LAUNCH REVETMENTS, 7 CANVAS-COVERED MISSILE TRANSPORTERS, AND OCCUPIED GUIDANCE AREA.

MARIEL SAM SITE 2300N 08249W

25X1D

SIX REVETTED LAUNCHERS, 7 MISSILE TRANSPORTERS, AND CANVAS-COVERED GUIDANCE AREA OBSERVED.

BAHIA HONDA SAM SITE 2257N Ø8317W

25X1D

SIX REVETTED LAUNCHERS, 7 MISSILE TRANSPORTERS, AND OCCUPIED GUIDANCE AREA OBSERVED.

25X1A

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25X1A

HAVANA SAM SITE 2309N 08213W

SITE CONTAINS 6 LAUNCHERS, HOLD AREA, AND GUIDANCE 25X1D AREA — ALL UNREVETTED AND CANVAS COVERED.

SAGUA LA GRANDE SAM SITE 2251N Ø8ØØ5W

SIX REVETTED LAUNCHERS. GUIDANCE AREA IS CANVAS COVERED. SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.

CAIBARIEN SAM SITE 2228N Ø7929W

SIX UNREVETTED LAUNCHERS, HOLD POSITIONS, AND GUIDANCE AREA ARE ALL CANVAS COVERED.

DELETTE SAM SITE 2259N Ø8Ø45W

25X1D SIX CANVAS-COVERED LAUNCHERS AND CANVAS-COVERED GUIDANCE RADAR OBSERVED IN CLOUD-FREE AREA.

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N Ø8221W

SIX MISSILE TRANSPORTERS WITH PRIME MOVERS, 21
25X1D EMPTY MISSILE TRANSPORTERS, 9 VEHICLES, AND SEVERAL CANISTERS OBSERVED.

PINAR DEL RIO SAM ASSEMBLY AREA 2221N Ø8339W

25X1D SITE CONTAINS 20 EMPTY MISSILE TRANSPORTERS WITH PRIME MOVERS.

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25X1A

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

SITE CONTAINS 9 LOWBOY TRAILERS AND APPROXIMATELY 25X1D 250 VEHICLES.

MANAGUA SAM SITE 2259N Ø8215W

CONSTRUCTION CONTINUES.

25X1D

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

25X1D

NO APPARENT CHANGE.

CAMPO FLORIDA CRUISE-MISSILE SITE 2306N 08211W

25X1D

SITE CONTAINS TWO OCCUPIED LAUNCH POSITIONS, ONE OF WHICH IS ENCLOSED BY A CANVAS FENCE, 9 PRIME MOVERS 8 OF WHICH ARE CANVAS COVERED, ONE VEHICLE REVETMENT, 4 MISSILE CRATES, 10 CANVAS-COVERED TRANSPORTERS, ONE SMALL AND 2 MEDIUM TENTS, AND APPROXIMATELY 20 VEHICLES.

GUERRA POSSIBLE CRUISE-MISSILE SITE 2300N 08250W

25X1D

ELEVEN PROBABLE MISSILE TRANSPORTERS, 46 CRUISE-MISSILE CRATES, AND APPROXIMATELY 200 VEHICLES OBSERVED.

-AIRFIELDS-

CAMILO CIENFUEGOS AIRFIELD 2229N Ø7955W

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25X1A

25X1D

AIRCRAFT -- 26 FISHBED, AND 9 FAGGT/FRESCO VISIBLE.

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N Ø8231W

25X1D

AIRCRAFT -- 18 FAGOT/FRESCO, 2 FARMER, 2 CRATE, 3 CAB, 2 T-6, 11 B-26, 2 COLT, AND 6 SINGLE-ENGINE VISIBLE

SAN JULIAN AIRFIELD 2206N 08409W

25X1D

AIRCRAFT -- NONE OBSERVED.

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

25X1D

AIRCRAFT -- ONE VISCOUNT, ONE LODESTAR, ONE CLEAT, ONE B-26, ONE T-6, ONE C-46, 2 BRITANNIA, 2 CRATE, 2 C-54, 3 CONSTELLATION, 4 C-47, AND 5 LIAISON VISIBLE.

CAMPO LIBERTAD AIRFIELD 2306N 08226W

25X1D

AIRCRAFT -- 6 COLT AND 43 LIAISON-TYPE VISIBLE.

MARIEL NAVAL AIR STATION 2300N 08246W

25X1D AIRCRAFT -- NONE OBSERVED.

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25X1A

PLAYA BARACOA AIRFIELD 2302N 08235W

AIRCRAFT -- ONE CAB, ONE CRATE, 2 HARE, AND 36 HOUND VISIBLE. 25X1D

MANAGUA AIRFIELD 2258N Ø8217W

AIRCRAFT -- NONE OBSERVED. 25X1D

PINAR DEL RIO AIRFIELD 2225N Ø8341W

AIRCRAFT -- 3 LIAISON. 25X1D

-PORTS-

MARIEL PORT 2301N 08245W

VESSELS -- 12 PGMG (KOMAR CLASS), 2 PF, AND 2 PC 25X1D **OBSERVED**。

NUEVA GERONA PORT 2153N Ø8248W

NO LARGE VESSELS OBSERVED. 25X1D

LARISABELA PORT 2256N Ø8ØØ1W

VESSELS -- 2 LARGE FREIGHTERS. NO MILITARY EQUIPMENT OBSERVED.

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25X1A

25X1D

CAIBARIEN PORT 2232N Ø7928W

NO LARGE VESSELS OR UNUSUAL MILITARY ACTIVITY OBSERVED. ONE LABINSK-CLASS FREIGHTER AND ONE UNIDENTIFIED FREIGHTER ANCHORED 14 NM NNE JUST WEST 25X1D OF CAYO FRANCES.

CARDENAS PORT 2302N 08112W

25X1D NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

SANTA LUCIA PORT 2240N 08358W

NO LARGE VESSELS OBSERVED. 25X1D

MATANZAS PORT 2303N Ø8134W

ONE KRASNOGRAD-CLASS FREIGHTER AT NEW WHARF. HATCHES ARE OPEN AND BOOMS ARE ACTIVE. SEVEN BOXCARS ARE ALONGSIDE ON PIER. TWO OTHER FREIGHTERS 25X1D OBSERVED DOCKED AT DUBROCQ WHARF.

SURGIDERO DE BATABANO PORT 2241N Ø8218W

ND LARGE VESSELS OBSERVED. 25X1D

HAVANA PORT 2308N 08221W

33 LARGE FREIGHTERS (INCLUDING THE HATCH OPEN AND BOOMS ACTIVE -- DOCKED AT BURRUS WHARF ANCHORED IN AND THE

25X1A

25X1A

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25X1D HARBOR -- HATCHES CLOSED AND ONE BOOM ACTIVE). SEVEN

MEDIUM FREIGHTERS, 2 MEDIUM TANKERS, 6 COASTAL FREIGHTERS, 2 PC 2 PF, AND 7 PT,

FREIGHTERS, 2 PC , 2 PF, AND 7 PT, INCLUDING ONE ON MARINE RAILWAY. APPROXIMATELY 85 VEHICLES PARKED NEAR MACHINA PIER, APPROXIMATELY 40

VEHICLES PARKED NEAR WARD LINE PIER. NO APPARENT CHANGE IN VEHICLE COUNT IN VEHICLE PARK SOUTH OF THE

25X1D HARBOR.

LA COLOMA PORT 2214N Ø8334W

NO LARGE VESSELS OR MILITARY EQUIPMENT CBSERVED.

25X1D

CABANAS PORT 2259N Ø8256W

25X1D VESSELS -- ONE LARGE FREIGHTER.

BAHIA HONDA PORT 2255N 08311W

25X1D NO VESSELS OBSERVED IN CLEAR AREAS.

#### -ELECTRONICS-

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

NO APPARENT CHANGE IN FACILITIES. TWENTY-FOUR VEHICLES OBSERVED.

25X1D

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25X1A

25X1A

25X1D

#### -MILITARY ACTIVITY-

PINAR DEL RIO, MILITARY CAMP 2223N Ø8342W

25X1D

APPROXIMATELY 45 UNIDENTIFIED VEHICLES.

LA FLORA AREA, MILITARY STORAGE 2252N Ø8233W

NO APPARENT CHANGE. NO VEHICLES OBSERVED. 25X1D

ARTEMISA. MILITARY CAMP 2251N Ø8248W

6-GUN AND 9-GUN AAA SITES REMAIN OCCUPIED. IN COUNT OR DEPLOYMENT OF FROG MISSILE TRANSPORTERS. HEAVY CLOUDS AND HAZE PRECLUDE FURTHER INTERPRETATION. 25X1D

LA BOCA, MILITARY CAMP 23Ø1N Ø8242W

APPROXIMATELY 12 VEHICLES OBSERVED. NO CHANGE IN FACILITIES. 25X1D

BAHIA HONDA, MILITARY CAMP 2258N Ø8311W

NO APPARENT CHANGE. 25X1D

CABANAS AREA, MILITARY CAMP 2256N Ø8252W

NO APPARENT CHANGE IN CLOUD-FREE AREA. 25X1D

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25X1A

REMEDIOS AREA, MILITARY CAMP 2227N Ø7934W

THE FOLLOWING ITEMS WERE OBSERVED IN CLOUD-FREE PORTIONS -- 41 TANKS/SP GUNS, 9 SNAPPERS, ONE PROBABLE FROG MISSILE TRANSPORTER, 2 PROBABLE FROG LAUNCHERS, 7 UNIDENTIFIED TRACKED VEHICLES, 11 UTILITY TRUCKS, AND 82 CARGO TRUCKS. 6-GUN AAA SITE REMAINS OCCUPIED.

25X1D

25X1A

MINAS, AMMUNITION STORAGE AREA 2307N 08212W

NO APPARENT CHANGE IN FACILITIES. A CANVAS-COVERED OBJECT NEAR THE ENTRANCE TO EACH OF 4 OF THE BUNKERS. 25X1D

25X1A

HAVANA, AMMUNITION STORAGE AREA 2301N 08226W

25X1D

NO APPARENT CHANGE.

SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N Ø822ØW

FORTY LARGE, 7 MEDIUM, AND 11 SMALL TENTS, 11 TANKS/ SP GUNS, 4 PROBABLE FROG MISSILE TRANSPORTERS, 15 CARGO TRUCKS, 6 UTILITY TRUCKS, 3 CARGO TRAILERS, 35 MISCELLANEOUS VEHICLES OBSERVED IN MAIN AREA. NUMEROUS VEHICLES/EQUIPMENT PARKED IN ROWS IN HEAVILY WOODED AREA. 6-GUN AND 9-GUN AAA SITES REMAIN OCCUPIED.

25X1D

25X1A

TORRENS, MILITARY COMPLEX 2259N Ø8228W

REFORMATORY PROPER -- 20 LARGE, 10 MEDIUM, AND 2 SMALL TENTS, 9 VAN TRUCKS, AND 5 CARGO TRUCKS OBSERVED. MOTOR PARK AND BILLETING AREA .3 NM SOUTH -- 11 LARGE,

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17 MEDIUM, AND ONE SMALL TENT, 78 CARGO TRUCKS, 66 VAN TRUCKS, 52 UNIDENTIFIED VEHICLES, 22 UTILITY TRUCKS, 6 PRIME MOVERS, AND 23 CARGO TRAILERS. MOTOR PARK .7 NM SSW -- APPROXIMATELY 96 VEHICLES IN AREA. MOTOR PARK .9 NM SE -- 34 CARGO TRUCKS, 9 CARGO TRAILERS, AND 136 UNIDENTIFIED VEHICLES. AAA SITE 1.5 NM SSE -- AAA SITE REMAINS UNOCCUPIED WITH 6 AAA GUNS PARKED NEARBY. TWO LARGE AND ONE MEDIUM TENT, 12 CARGO TRUCKS, 4 UNIDENTIFIED VEHICLES AND 10 PRIME MOVERS OBSERVED. BILLETING AREA 1.9 NM SOUTH -- 12 LARGE, 6 MEDIUM, AND 10 SMALL TENTS, 11 CARGO TRUCKS, AND 60 UNIDENTIFIED VEHICLES. MOTOR POOL 1.2 NM SW -- 12 PROBABLE TANKS, 7 UNIDENTIFIED VEHICLES AND 17 CARGO TRUCKS.

25X1D

SANTA CLARA AREA, MILITARY ACTIVITY 2221N Ø7957W

25X1D NO APPARENT CHANGE.

MADRUGA, POL STORAGE 2256N Ø8149W

NUMEROUS VEHICLES/EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.

LIMONAR AREA, MILITARY CAMP 2256N Ø8124W

25X1D NO APPARENT CHANGE.

MANAGUA, MILITARY CAMP 2258N Ø8217W

CAMP CONTAINS 37 PRIME MOVERS, 37 LOWBOY TRAILERS, 38 PROBABLE TANKS, 25 OF WHICH ARE ON THE LOWBOYS IN NORTH VEHICLE PARK, AND APPROXIMATELY 375 VEHICLES.

25X1D

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25X1A

CASCAJAL, MILITARY AREA 2240N 08031W

25X1D

NO APPARENT CHANGE.

SANTA FE AREA, MILITARY ACTIVITY 2143N Ø8249W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

The Assessment of the Assessment contract of the Assessment of the

JOVELLANOS, MILITARY AREA 2248N Ø8112W 25X1D NO APPARENT CHANGE.

The real state with some which the state of the state of

CAMPO FLORIDA, MILITARY CAMP 2307N 08206W

25X1D

FIFTEEN CANVAS-COVERED TANKS/SP GUNS AND 8 UNIDENTIFIED VEHICLES OBSERVED.

Ent. The state of the state of

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W

25X1D

NUMEROUS VEHICLES OBSERVED IN CLOUD-FREE AREAS.

THE STATE OF STATE OF

GUANABACOA, MILITARY AREA 2307N 08215W

25X1D

EASTERNMOST AREA CONTAINS 12 BUILDINGS, APPROXIMATELY 36 FA PIECES, AND APPROXIMATELY 50 VEHICLES. WESTERNMOST AREA CONTAINS APPROXIMATELY 17 FA PIECES, APPROXIMATELY 35 VEHICLES, AND 12 BUILDINGS.

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25X1D

25X1A

25X1A

MESTANZA, EXPLOSIVES STORAGE SITE 2228N Ø8347W

AN EARTH-COVERED STORAGE BUNKER LOCATED ONE NM NW OF PREVIOUSLY REPORTED FENCED AREAS AT 22-28-30N

25X1D

SPECIAL AREA ALPHA 2258N Ø8227W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

्रेप्याच्या प्राप्ताच्या का विश्व के प्राप्ता का प्राप्ता प्राप्ता का भागवाल का प्राप्ता का प्राप्ता का का का भागवाल प्राप्ता का तीत का प्राप्ता का प्राप्ता अपने प्राप्ता का भागवाल का प्राप्ता का प्राप्ता का का का प्राप्त भागवाल प्राप्ता का तीत का का प्राप्ता का प्राप्ता अपने प्राप्ता का भागवाल का प्राप्ता का प्राप्ता का का का प्र

SPECIAL AREA HOTEL 2301N 08246W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

SPECIAL AREA BRAVO BLUE 2250N 08233W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

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SPECIAL AREA BRAVO RED 2254N Ø8231W

NO APPARENT CHANGE IN CLOUD-FREE AREAS.

25X1D

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SPECIAL AREA VICTOR 2300N 08234W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

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25X1A

SPECIAL AREA TANGO 2258N Ø8244W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

TARARA LANDING BEACH 2310N 08212W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

MATANZAS LANDING BEACH 2301N 08126W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

VARADERO LANDING BEACH 2308N 08118W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

HAVANA AREA, MILITARY CAMP 2301N 08218W

AREA 1 AND 2 -- NO APPARENT CHANGE.

AREA 3 CONTAINS 10 PROBABLE TANKS/SP GUNS,

APPROXIMATELY 20 UNIDENTIFIED VEHICLES, ONE LONG
BUILDING AND 13 SMALL BUILDINGS.

-MISCELLANEOUS ACTIVITY-

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W 25X1D NO APPARENT CHANGE.

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25X1A

25X1A

MANAGUA, MUNITIONS STORAGE SITE 2258N Ø8218W

NO APPARENT CHANGE. THREE VEHICLES OBSERVED.

25X1D

BEJUCAL, MUNITIONS STORAGE SITES 2256N Ø8223W

NO APPARENT CHANGE IN BUNKER NE OF BEJUCAL. CLOUDS PRECLUDE FURTHER INTERPRETATION.

25X1D

SANTA CLARA AREA, MILITARY INSTALLATION 2224N Ø7953W

NO APPARENT CHANGE.

25X1D

AGUAS CLARAS, PROB MILITARY EQUIPMENT AREA 2213N Ø8323W
NO MILITARY ACTIVITY OBSERVED.

25X1D

LA BOCA, INDUSTRIAL CONSTRUCTION 2301N 08245W

25X1D CONSTRUCTION CONTINUES.

25X1D

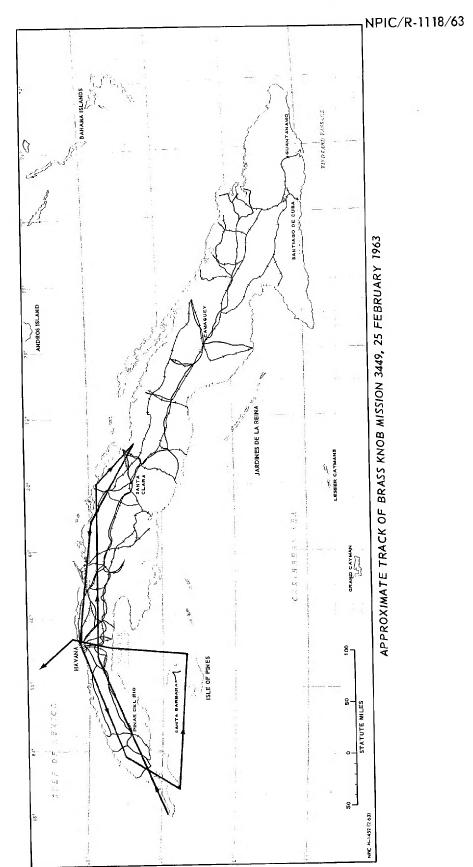
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ALLEN AND HOLD HOLD CITE 2	2220M
BUT NOTE INTERPRETED	
THE FOLLOWING TARGETS COULD BE IDENTIFIED,	

25.	X	1,4	

SAGUA LA GRANDE MRBM SITE 2		Ø7951W
REMEDIOS IRBM SITE	2225N	Ø7935W
SANTA LUCIA SAM SITE	2241N	Ø8355W
CORONEL PASCUAL AIRFIELD	23Ø7N	Ø8117W
PURIO, MILITARY AREA	2233N	Ø7952W
NAZARENO, MILITARY AREA	2258N	Ø8214W
PLAYA COLOMO LANDING BEACH	2154N	Ø8246W
PLAYA DE FLAMENCOS LANDING BEACH	2153N	Ø8243W
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